



40684 Talbot Line, St. Thomas, Ont., N5P 3T2  
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### ENERGY RATINGS - CANADA

Window Style (Model)	Evaluation Report	Air (A)	Water (B)	Structural (C)	Forced Entry (F)	Energy Rating (ER) Canadian Energy Star Program										Centre of Glass		
						Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"R" Value	"U" Value	"R" Value
								A	B	C	D				(Imperial)	(Imperial)	(Imperial)	(Imperial)
Casement (#1171)	3106153-2	3	7	4/5	20	Clear	17	N/A	N/A	N/A	N/A	0.51	0.54	48	0.41	2.44	0.480	2.08
						Low "e"	27	●	●	●		0.48	0.50	59	0.32	3.13	0.335	2.99
						LE/Arg	31	●	●	●	●	0.48	0.50	62	0.29	3.45	0.294	3.40
						Sol-E/Arg	21	●	●			0.32	0.36	60	0.29	3.45	0.292	3.42
Triples						LE/Arg (5)	34	●	●	●	●	0.43	0.45	69	0.24	4.17	0.224	4.46
						2LE/Arg (3&5)	36	●	●	●	●	0.40	0.42	72	0.21	4.76	0.179	5.59
						LE/Arg-Kry (5)	35	●	●	●	●	0.43	0.45	69	0.23	4.35	0.218	4.59
						2LE/Arg-Kry (3&5)	37	●	●	●	●	0.40	0.42	73	0.20	5.00	0.173	5.78
						LE/Kry (5)	36	●	●	●	●	0.43	0.45	72	0.22	4.55	0.188	5.32
						2LE/Kry (3&5)	40	●	●	●	●	0.40	0.42	76	0.18	5.56	0.141	7.09
Picture (with sash) (#1072) Fixed Casement	3106153-6	Fixed	7	5	N/A	Clear	20	N/A	N/A	N/A	N/A	0.60	0.63	48	0.44	2.27	0.480	2.08
						Low "e"	31	●	●	●	●	0.56	0.58	62	0.33	3.03	0.335	2.99
						LE/Arg	35	●	●	●	●	0.56	0.58	65	0.30	3.33	0.294	3.40
						Sol-E/Arg	24	●	●			0.37	0.42	65	0.30	3.33	0.292	3.42
Triples						LE/Arg (5)	40	●	●	●	●	0.50	0.53	73	0.23	4.35	0.211	4.74
						2LE/Arg (3&5)	43	●	●	●	●	0.47	0.49	76	0.19	5.26	0.165	6.06
						LE/Arg-Kry (5)	40	●	●	●	●	0.50	0.53	71	0.23	4.35	0.207	4.83
						2LE/Arg-Kry (3&5)	43	●	●	●	●	0.47	0.49	75	0.19	5.26	0.161	6.21
						LE/Kry (5)	43	●	●	●	●	0.50	0.53	74	0.21	4.76	0.190	5.26
						2LE/Kry (3&5)	45	●	●	●	●	0.47	0.49	77	0.18	5.56	0.142	7.04
Picture (no sash) (#1071)	3106153-5	Fixed	7	5	N/A	Clear	21	N/A	N/A	N/A	N/A	0.67	0.72	47	0.46	2.17	0.480	2.08
						Low "e"	34	●	●			0.63	0.66	57	0.34	2.94	0.335	2.99
						LE/Arg	39	●	●	●	●	0.63	0.66	60	0.30	3.33	0.294	3.40
						Sol-E/Arg	27	●	●			0.42	0.48	60	0.30	3.33	0.292	3.42
Triples						LE/Arg (5)	45	●	●	●	●	0.56	0.60	73	0.22	4.55	0.211	4.74
						2LE/Arg (3&5)	48	●	●	●	●	0.53	0.56	78	0.18	5.56	0.165	6.06
						LE/Arg-Kry (5)	45	●	●	●	●	0.56	0.60	74	0.22	4.55	0.207	4.83
						2LE/Arg-Kry (3&5)	48	●	●	●	●	0.53	0.56	78	0.18	5.56	0.161	6.21
						LE/Kry (5)	46	●	●	●	●	0.56	0.60	75	0.21	4.76	0.190	5.26
						2LE/Kry (3&5)	51	●	●	●	●	0.53	0.56	80	0.16	6.25	0.142	7.04
Awning (#1173)	3106153-1	3	7	4	20	Clear	18	N/A	N/A	N/A	N/A	0.51	0.54	48	0.41	2.44	0.480	2.08
						Low "e"	28	●	●	●		0.48	0.50	63	0.32	3.13	0.335	2.99
						LE/Arg	31	●	●	●	●	0.48	0.50	66	0.29	3.45	0.294	3.40
						Sol-E/Arg	22	●	●			0.32	0.36	66	0.29	3.45	0.292	3.42
Triples						LE/Arg (5)	36	●	●	●	●	0.43	0.45	75	0.23	4.35	0.211	4.74
						2LE/Arg (3&5)	38	●	●	●	●	0.40	0.42	78	0.20	5.00	0.165	6.06
						LE/Arg-Kry (5)	36	●	●	●	●	0.43	0.45	75	0.23	4.35	0.218	4.59
						2LE/Arg-Kry (3&5)	38	●	●	●	●	0.40	0.42	79	0.20	5.00	0.173	5.78
						LE/Kry (5)	37	●	●	●	●	0.43	0.45	77	0.22	4.55	0.188	5.32
						2LE/Kry (3&5)	40	●	●	●	●	0.40	0.42	81	0.18	5.56	0.141	7.09



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Window Style (Model)	Evaluation Report	Air (A)	Water (B)	Structural (C)	Forced Entry (F)	Energy Rating (ER) Canadian Energy Star Program										Centre of Glass		
						Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"R" Value	"U" Value	"R" Value
								A	B	C	D				(Imperial)	(Imperial)	(Imperial)	(Imperial)
Single Hung Tilt (#1371)	3093743-5	2/Fixed	4	3	20	Clear	17	N/A	N/A	N/A	N/A	0.60	0.63	48	0.45	2.22	0.480	2.08
						Low "e"	29	●	●	●	●	0.56	0.58	63	0.34	2.94	0.335	2.99
						LE / Arg	32	●	●	●	●	0.56	0.58	65	0.31	3.23	0.294	3.40
						Sol-E/Arg	21	●	●			0.37	0.42	65	0.31	3.23	0.292	3.42
Triples						LE/Arg (5)	31	●	●	●	●	0.50	0.53	66	0.29	3.45	0.270	3.70
						2LE/Arg (3&5)	33	●	●	●	●	0.47	0.49	69	0.26	3.85	0.226	4.42
						LE/Arg-Kry (5)	31	●	●	●	●	0.50	0.53	66	0.29	3.45	0.262	3.82
						2LE/Arg-Kry (3&5)	35	●	●	●	●	0.47	0.49	69	0.25	4.00	0.218	4.59
						LE/Kry (5)	36	●	●	●	●	0.50	0.53	68	0.25	4.00	0.209	4.78
						2LE/Kry (3&5)	40	●	●	●	●	0.47	0.49	71	0.21	4.76	0.163	6.13
Single Slider Lift Out (#1372)	3093743-1 3093743-2	2/Fixed	4	3	20	Clear	17	N/A	N/A	N/A	N/A	0.60	0.63	46	0.45	2.22	0.480	2.08
						Low "e"	29	●	●	●	●	0.56	0.58	56	0.34	2.94	0.335	2.99
		LE / Arg	33	●	●	●	●	0.56	0.58	59	0.31	3.23	0.294	3.40				
		Sol-E/Arg	22	●	●			0.37	0.42	59	0.31	3.23	0.292	3.42				
Triples						LE/Arg (5)	32	●	●	●	●	0.50	0.53	63	0.29	3.45	0.270	3.70
						2LE/Arg (3&5)	34	●	●	●	●	0.47	0.49	66	0.26	3.85	0.226	4.42
						LE/Arg-Kry (5)	32	●	●	●	●	0.50	0.53	63	0.29	3.45	0.262	3.82
						2LE/Arg-Kry (3&5)	35	●	●	●	●	0.47	0.49	66	0.25	4.00	0.218	4.59
						LE/Kry (5)	37	●	●	●	●	0.50	0.53	66	0.25	4.00	0.209	4.78
						2LE/Kry (3&5)	40	●	●	●	●	0.47	0.49	70	0.21	4.76	0.163	6.13
Double Hung Tilt (#1271)	3008057-4	2	6	5	10	Clear	17	N/A	N/A	N/A	N/A	0.58	0.61	48	0.44	2.27	0.480	2.08
						Low "e"	28	●	●	●		0.54	0.56	62	0.34	2.94	0.335	2.99
						LE / Arg	31	●	●	●	●	0.54	0.56	64	0.31	3.23	0.294	3.40
						Sol-E/Arg	21	●	●			0.36	0.41	64	0.31	3.23	0.292	3.42
Triples						LE/Arg (5)	30	●	●	●	●	0.48	0.51	65	0.29	3.45	0.270	3.70
						2LE/Arg (3&5)	32	●	●	●	●	0.45	0.47	68	0.26	3.85	0.226	4.42
						LE/Arg-Kry (5)	30	●	●	●	●	0.48	0.51	66	0.29	3.45	0.262	3.82
						2LE/Arg-Kry (3&5)	32	●	●	●	●	0.45	0.47	69	0.26	3.85	0.218	4.59
						LE/Kry (5)	35	●	●	●	●	0.48	0.51	68	0.25	4.00	0.209	4.78
						2LE/Kry (3&5)	38	●	●	●	●	0.46	0.47	70	0.22	4.55	0.163	6.13
Double Slider Tilt (#1272)	3008057-5	2	2	5	10	Clear	16	N/A	N/A	N/A	N/A	0.58	0.61	46	0.45	2.22	0.480	2.08
						Low "e"	27	●	●	●		0.54	0.56	57	0.34	2.94	0.335	2.99
						LE / Arg	31	●	●	●	●	0.54	0.56	60	0.31	3.23	0.294	3.40
						Sol-E/Arg	20	●	●			0.36	0.41	60	0.31	3.23	0.292	3.42
Triples						LE/Arg (5)	30	●	●	●	●	0.48	0.51	62	0.29	3.45	0.270	3.70
						2LE/Arg (3&5)	32	●	●	●	●	0.45	0.47	65	0.26	3.85	0.226	4.42
						LE/Arg-Kry (5)	30	●	●	●	●	0.49	0.52	63	0.29	3.45	0.262	3.82
						2LE/Arg-Kry (3&5)	33	●	●	●	●	0.46	0.48	66	0.25	4.00	0.218	4.59
						LE/Kry (5)	35	●	●	●	●	0.48	0.51	66	0.25	4.00	0.209	4.78
						2LE/Kry (3&5)	38	●	●	●	●	0.45	0.47	69	0.21	4.76	0.163	6.13



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						Glass Options	ER	Energy Star Zone				SHGC	Visible Transmittance	Condensation Resistance	"U" Value	"R" Value	"U" Value	"R" Value
								A	B	C	D				(Imperial)	(Imperial)	(Imperial)	(Imperial)
Patio Door (#3300)	3060325-1	3	3	3	2	Clear	16	N/A	N/A	N/A	N/A	0.57	0.62	44	0.46	2.17	0.48	2.08
						Low "e"	27	●	●	●		0.54	0.57	53	0.35	2.86	0.33	3.03
						LE / Arg	31	●	●	●	●	0.54	0.57	56	0.32	3.13	0.29	3.45
						Sol-E/Arg	21	●	●			0.36	0.42	56	0.32	3.13	0.29	3.45
Triples						LE/Arg (5)	30	●	●	●	●	0.47	0.51	59	0.30	3.33	0.27	3.70
						2LE/Arg (3&5)	32	●	●	●	●	0.45	0.47	60	0.27	3.70	0.22	4.55
						LE/Arg-Kry (5)	30	●	●	●	●	0.47	0.51	59	0.30	3.33	0.26	3.85
						2LE/Arg-Kry (3&5)	32	●	●	●	●	0.45	0.47	60	0.27	3.70	0.22	4.55
						LE/Kry (5)	35	●	●	●	●	0.47	0.51	59	0.26	3.85	0.21	4.76
						2LE/Kry (3&5)	37	●	●	●	●	0.45	0.47	60	0.23	4.35	0.16	6.25

● Denotes qualifying zones